



ATTORNEY'S DOCKET CS-120
MAIL STOP AF

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:)
)
TALOR)
)
Serial No. 10/611,914)
)
Filed: July 03, 2003)

Group Art Unit: 1642

Examiner: Gary B. Nickol

For: **A METHOD OF PRE-SENSITIZING CANCER PRIOR TO TREATMENT WITH
RADIATION AND/OR CHEMOTHERAPY AND A NOVEL CYTOKINE MIXTURE**

Appendix A

Please amend the claims according to 37 C.F.R. § 1.121
concerning a manner for making claim amendments.

Claims 1-23 (Canceled)

24. (Previously presented) A serum-free and mitogen-free
cytokine mixture, comprising specific ratios of
cytokines selected from the group of IL-1 β , TNF- α , IFN- γ
and GM-CSF to Interleukin-2 (IL-2) as follows:

IL-1 β to IL-2 at a ratio range of 0.4 - 1.5;

TNF- α to IL-2 at a ratio range of 3.2 - 11.3;

IFN- γ to IL-2 at a ratio range of 1.5 - 10.9; and

GM-CSF to IL-2 at a ratio range of 2.2 - 4.8

with the proviso that IL-12 is present in only trace

quantities.

25. (Previously presented) The serum-free and mitogen-free cytokine mixture of claim 24, wherein said specific ratios of cytokines are as follows:

IL-1 β to IL-2 at a ratio range of 0.6 to 0.8;
TNF- α to IL-2 at a ratio range of 7.7 to 10.9;
IFN- γ to IL-2 at a ratio range of 4.9 to 7.1; and
GM-CSF to IL-2 at a ratio range of 3.5 to 4.5.

26. (Previously presented) A pharmaceutical composition for use in treating cancer, comprising specific ratios of cytokines selected from the group of IL-1 β , TNF- α , IFN- γ and GM-CSF to Interleukin-2 (IL-2) as follows:

IL-1 β to IL-2 at a ratio range of 0.4 - 1.5;
TNF- α to IL-2 at a ratio range of 3.2 - 11.3;
IFN- γ to IL-2 at a ratio range of 1.5 - 10.9;
GM-CSF to IL-2 at a ratio range of 2.2 - 4.8,
with the proviso that IL-12 is present in only

trace quantities and

optionally in combination with a pharmaceutically

acceptable excipient, carrier or additive.

27. (Previously presented) The pharmaceutical composition of claim 26, wherein said specific ratios of cytokines are as follows:

IL-1 β to IL-2 at a ratio range of 0.6 to 0.8;

TNF- α to IL-2 at a ratio range of 7.7 to 10.9;

IFN- γ to IL-2 at a ratio range of 4.9 to 7.1; and

GM-CSF to IL-2 at a ratio range of 3.5 to 4.5.

Claims 28-41 (Canceled)